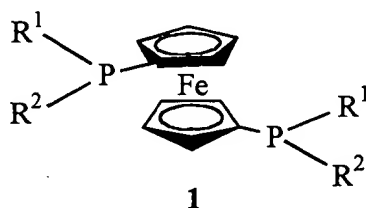


ABSTRACT**SUPPORTED HOMOGENEOUS CATALYSTS FOR  
SELECTIVE HYDROGENATION**

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A supported catalyst comprises a cationic rhodium(I) complex of the formula

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wherein  $R^1$  and  $R^2$  are the same or different hydrocarbon groups of up to 30 C atoms, or  $R^1$  and  $R^2$  are linked to form a ring, and a heterogeneous support medium that provides anionic binding sites.

Such a complex is particularly useful as a catalyst in a process of hydrogenating an aldehyde to produce the corresponding primary alcohol.

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